

Table 20.19
Cancer of the Oral Cavity and Pharynx (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

<u>SEER Incidence</u>	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2008-2012			Trend 2003-2012 ^c			Trend 2003-2012 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY									
All Races	11.0	16.5	6.3	0.4	0.2	-0.7*	0.5	0.3	0.2
White	11.5	17.1	6.4	0.9*	0.7*	0.4	0.9*	0.7*	0.5
White Hispanic ^e	7.0	10.5	4.2	1.5	-0.6	-0.4	-	-	-
White Non-Hispanic ^e	12.3	18.4	6.9	1.0*	0.9*	0.5	-	-	-
Black	9.3	14.6	5.2	-2.6*	-2.9*	-1.7*	-2.5*	-3.1*	-1.6*
Asian/Pacific Islander	7.6	11.0	4.9	-1.0*	-1.1*	-0.7*	-	-	-
Amer Ind/Alaska Nat ^f	8.8	13.2	5.2	-1.3	4.5	0.3	-	-	-
Hispanic ^e	6.8	10.1	4.0	1.3	-0.6	-0.5	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2008-2012			Trend 2003-2012 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
RACE/ETHNICITY									
All Races	2.5	3.8	1.4	-0.5	-0.3	-1.3*			
White	2.4	3.7	1.3	-0.2	0.0	-1.1*			
White Hispanic ^e	1.6	2.5	0.8	-0.5	-1.1*	-0.7			
White Non-Hispanic ^e	2.5	3.8	1.4	-0.1	0.2	-1.0*			
Black	2.9	5.0	1.3	-3.7*	-2.4	-3.4*			
Asian/Pacific Islander	1.9	2.9	1.2	-2.1*	-2.3*	-1.7*			
Amer Ind/Alaska Nat									
Total U.S.	1.7	2.6	1.0	-1.9*	-2.4*	-1.4			
CHSDA Counties	2.2	3.6	1.2	-1.6*	-1.8	-1.1			
Non-CHSDA Counties	1.2	1.5	0.9	-1.8	-	-			
Hispanic ^e	1.5	2.4	0.8	-0.8	-1.4*	-0.8			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

^c The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2012.

^d The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2012.

^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2003-2012 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

^f Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^g US Mortality Files, National Center for Health Statistics, CDC.

^h The 2003-2012 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2012.

* The APC is significantly different from zero (p<.05).